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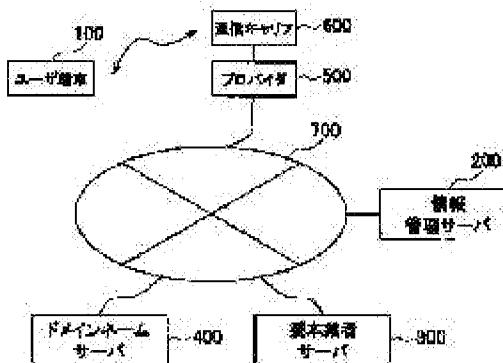
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## **(54) INFORMATION MANAGEMENT SERVICE SYSTEM, INFORMATION MANAGEMENT SERVER, USER TERMINAL UNIT, PROGRAM, AND MEDIUM RECORDING PROGRAM**

(57)Abstract:

**PROBLEM TO BE SOLVED:** To provide the service unavailable by a conventional method for user through a public line.

**SOLUTION:** In this information management service system in which at least a user terminal unit 100 and an information management server 200 storing and managing information data transmitted from the user terminal unit 100 are mutually connected through a public line network 700, the information management server 200 transmits the information about whether an order for service for editing the information data and binding a book is given or not to the user terminal unit 100 after a predetermined period elapses from the time when the information data is stored or after a predetermined amount of the information data is stored.



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## **DETAILED DESCRIPTION**

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### **[Detailed Description of the Invention]**

**[0001]**

**[Field of the Invention]** This invention an information management service system, an information management server, installed user terminals, a program, and the program concerned about the recorded storing medium more particularly, At least, installed user terminals and the information management server which stores and manages the information data transmitted from installed user terminals are related with the

information management service system etc. which are connected via a public network.

[0002]

[Description of the Prior Art]In recent years, the software which stores and manages individual information data, such as a diary and works, using a computer is developed. Accessing various server apparatus via the Internet, for example, filling in personal information, such as a diary, and opening the filled-in personal information to the 3rd person widely is also performed. the information data stored in this server apparatus can be perused on a computer screen, and it is printed out and perused in space -- it can \*\*.

[0003]

[Problem(s) to be Solved by the Invention]However, when it stores the personal information of a diary, works, etc. within a user individual's computer, in order to have to manage data for user itself, there is a danger of disappearing personal information, for example by a user's operation mistake.

[0004]In order that the system using the Internet might usually aim at exchanging personal information on a browser or the Internet, the system managed without disclosing a user's personal information to others did not exist. That is, the site which stores personal information, such as the former, for example, a diary etc., is a site aiming at public presentation of a written-in type site, an information disclosure type site, an exchanged type site of information, etc., for example, and personal data are made into disclosure, and it does not manage or save them.

[0005]Since the system using the Internet was what peruses or exchanges personal data, such as a diary, in the virtual world on a browser, it lacks in a sense of reality (reality), and the user's interest had reduced it by half. Since there was a limit also in the data storage capacity which a user can store, old information data was eliminated. Thus, in the conventional system, it was not able to have the feeling of depositing personal information with the reliable administrator.

[0006]Therefore, the purpose of this invention is to provide the information management service system etc. which provide the service which is not in the former to a user.

[0007]

[Means for Solving the Problem]In order to solve an aforementioned problem, in the invention according to claim 1. Information data transmitted from installed user terminals and said installed user terminals is stored at least. An information management server to manage is an information management service system connected via a public network, and said information management server, After carrying out prescribed period progress from a storing point in time of said information data, or after specified quantity accumulation of said information data is carried out, an information management service system characterized by what information on whether service which edits said information data and binds a book is ordered is transmitted for to said installed user terminals is provided.

[0008]Service which is not in the former of editing information data of virtual space on a browser, and binding a book in an invention given in this paragraph can be provided.

That is, since personal information of a user on virtual space, such as the Internet, is embodied as a real object (for example, publication), for example, the user can enjoy new service that virtual space develops into real space (namely, a concept real object).

[0009]Like the invention according to claim 2, to said public network. Said information data is edited. When a bookbinding contractor server of a contractor who binds a book is

connected and said information management server receives information which places an order for bookbinding service from said installed user terminals, said information management server transmits said bookbinding service ordering information which received to said bookbinding contractor server -- it needs -- if constituted, since it is automatically transmitted to a bookbinding contractor, the bookbinding request of a user's information data can place an order for bookbinding service more efficiently.

[0010]like the invention according to claim 3, said information management server is storable as information data of a date specified by a user -- it needs -- if constituted, it can use as a system in which information data is entered for every date, for example like a diary or a diary.

[0011]like the invention according to claim 4, a date specified by said user can be specified via a calendar displayed on a screen of said installed user terminals -- it needs -- if constituted, information data is simply storable for every date.

[0012]like the invention according to claim 5, information which identifies a date when information data is already stored is displayed on a calendar on a screen of said installed user terminals -- it needs -- if constituted, a date as which information data was filled in can be recognized easily.

[0013]When a user specifies a date and inputs information data like the invention according to claim 6, a matter relevant to the date concerned is displayed on a screen of installed user terminals -- it needs -- since the past memory will be vividly brought back if constituted, the past data can be filled in or changed easily. At this time, an occurrence which happened those days, a thing which was in fashion, news, etc. can be enumerated and displayed, for example per ten years in 1,900 to 2,000.

[0014]said information data consists of alphabetic data like the invention according to claim 7 -- it needs -- it can constitute.

[0015]Like the invention according to claim 8, attribution information of the information data concerned is added to said information data, and said information management server, said information data is managed for every attribution information -- it needs -- since information data is manageable as more nearly individual information data if constituted, service doubled with a user's needs is provided. for example, said attribution information is at least one chosen from a group of a user's age, a user's sex, a use of information data, and the purpose of using a system like the invention according to claim 9 -- it needs -- it can constitute.

[0016]Like the invention according to claim 10, to said information data. it is possible to add arbitrary image data or voice data specified by a user -- it needs -- if constituted, a pictorial symbol, an ornament design, a sign, an image photo, design templates, an individual photograph, a sound, a keyword, etc. can be stuck on information data, for example. As a result, it is manageable as more nearly individual information data.

[0017]correction or change is possible for information data stored in said information management server via said installed user terminals like the invention according to claim 11 -- it needs -- if constituted, stored information data can be corrected or changed.

[0018]Like the invention according to claim 12, said information management server, it has a charging means for charging to a user who transmitted said bookbinding service ordering information -- it needs -- if constituted, a user can be charged only when a user enjoys service which uses information data as a publication. That is, the usual service is provided for nothing, for example, and a system of charging only when receiving high

service of added value is built. As a result, since service which a user tends to use is provided, a user's interest is turned and a high market commercial scene of the draw is formed.

[0019]Like the invention according to claim 13, said information management server, When attested with a user who has a membership registration means which carries out membership registration of the user, and a registration membership authentication means which attests whether a user is registration membership, and accesses said information management server being registration membership, said information management server receives said installed user terminals. contents are provided -- it needs -- if are constituted, for example ID and a password will be made into a membership authentication means, a role of a key of a diary can be played, for example, and a system which manages individual information data will be built.

[0020]Like the invention according to claim 14, on a screen of said installed user terminals, a procedure guiding means which derives a user's procedure is displayed -- it needs -- since a user's menu manipulation will be derived, for example by making a character into a role of derivation if constituted, service which has story nature, for example is also enjoyable.

[0021]Like the invention according to claim 15, on a screen of said installed user terminals, a phenomenon relevant to a user's procedure is displayed as a concrete pattern -- it needs -- if constituted, space (for example, memory bank) of an individual design is displayed on a browser, for example, for example, service in the peculiar world (virtual space) can be enjoyed with combination with a character.

[0022]In order to solve an aforementioned problem, via a public network like the invention according to claim 16. Store, are information data transmitted from installed user terminals connected an information management server to manage, and said information management server, After carrying out prescribed period progress from a storing point in time of said information data, or after specified quantity accumulation of said information data is carried out, an information management server characterized by what information on whether service which edits said information data and binds a book is ordered is notified for to said installed user terminals is provided.

[0023]Service which is not in the former of editing information data of virtual space on a browser, and binding a book in an invention given in this paragraph can be provided. That is, since personal information of a user on virtual space, such as the Internet, is embodied as a real object (for example, publication), for example, the user can enjoy new service that virtual space develops into real space (namely, a concept real object).

[0024]When information which places an order for bookbinding service from said installed user terminals is received like the invention according to claim 17, said bookbinding service ordering information is transmitted to a bookbinding contractor server of a contractor who edits said information data and binds a book connected via a public network -- it needs, if constituted, Since it is automatically transmitted to a bookbinding contractor, the bookbinding request of a user's information data can place an order for bookbinding service more efficiently.

[0025]like the invention according to claim 18, said information management server can store information data as information data of a date specified by a user -- it needs -- if constituted, information data can be filled in for every date, for example like a diary or a diary.

[0026]like the invention according to claim 19, a calendar for specifying a date of said information data as a screen of said installed user terminals is displayed -- it needs -- if constituted, information data is simply storable for every date.

[0027]like the invention according to claim 20, information data displays information which identifies an already stored date on a calendar of a screen of said installed user terminals -- it needs -- if constituted, a date as which information data was filled in can be recognized easily.

[0028]When a user inputs like the invention according to claim 21 on a date which specifies information data, a matter relevant to the date concerned is displayed on a screen of installed user terminals -- it needs -- since the past memory will be vividly brought back if constituted, the past data can be filled in or changed easily. At this time, an occurrence which happened those days, a thing which was in fashion, news, etc. can be enumerated and displayed, for example per ten years in 1,900 to 2,000.

[0029]said information data consists of alphabetic data like the invention according to claim 22 -- it needs -- it can constitute.

[0030]Like the invention according to claim 23, to said information data. attribution information of the information data concerned is added, and said information management server manages said information data for every attribution information -- it needs -- since information data is manageable as more nearly individual information data if constituted, service doubled with a user's needs is provided. for example, said attribution information is at least one chosen from a group of a user's age, a user's sex, a use of information data, and the purpose of using a system like the invention according to claim 24 -- it needs -- it can constitute.

[0031]Like the invention according to claim 25, to said information data. it is possible to add arbitrary image data or voice data specified by a user -- it needs -- if constituted, a pictorial symbol, an ornament design, a sign, an image photo, design templates, an individual photograph, a sound, a keyword, etc. can be stuck on information data, for example. As a result, it is manageable as more nearly individual information data.

[0032]correction or change is possible for information data stored in said information management server via said installed user terminals like the invention according to claim 26 -- it needs -- if constituted, stored information data can be corrected or changed.

[0033]Like the invention according to claim 27, further said information management server, it has a charging means for charging to a user who transmitted said bookbinding service ordering information -- it needs -- if constituted, a user can be charged only when a user enjoys service which uses information data as a publication. That is, the usual service is provided for nothing, for example, and a system of charging only when receiving high service of added value is built. As a result, since service which a user tends to use is provided, a user's interest is turned and a high market commercial scene of the draw is formed.

[0034]Like the invention according to claim 28, said information management server, When attested with a user who has a membership registration means which carries out membership registration of the user, and a registration membership authentication means which attests whether a user is registration membership, and accesses said information management server being registration membership, said information management server receives said installed user terminals. contents are provided -- it needs -- if are constituted, for example ID and a password will be made into a membership

authentication means, a role of a key of a diary can be played, for example, and individual information data can be managed.

[0035]In order to solve an aforementioned problem, like the invention according to claim 29, on a screen of said installed user terminals, a procedure guiding means which derives a user's procedure is displayed -- it needs -- since a user's menu manipulation will be derived, for example by making a character into a role of derivation if constituted, service which has story nature, for example is also enjoyable.

[0036]like the invention according to claim 30, a phenomenon relevant to a user's procedure is displayed as a concrete pattern on a screen of said installed user terminals -- it needs, if constituted, For example, space (for example, memory bank) of an individual design is displayed on a browser, for example, service in the peculiar world (virtual space) can be enjoyed with combination with a character.

[0037]In order to solve an aforementioned problem, like the invention according to claim 31, Are installed user terminals which store information in an information management server accessed via a public network, and said installed user terminals, After carrying out prescribed period progress from a storing point in time of said information data, or after specified quantity accumulation of said information data is carried out, installed user terminals with which information on whether service which edits said information data and binds a book is ordered is characterized by what is notified by said information management server are provided.

[0038]Service which is not in the former of editing information data of virtual space on a browser, and binding a book in an invention given in this paragraph can be provided. That is, since personal information of a user on virtual space, such as the Internet, is embodied as a real object (for example, publication), for example, the user can enjoy new service that virtual space develops into real space (namely, a concept real object).

[0039]like the invention according to claim 32, it has a means to transmit bookbinding service ordering information for ordering said bookbinding service, to said information management server -- it needs -- if constituted, a bookbinding request of a user's information data can be transmitted to an information management server.

[0040]like the invention according to claim 33, said installed user terminals can store information data in said information management server as information data of a date specified by a user -- it needs -- if constituted, information data can be filled in for every date, for example like a diary or a diary.

[0041]like the invention according to claim 34, a date specified as said information data can be specified via a calendar displayed on a screen of said installed user terminals -- it needs -- if constituted, information data is simply storable for every date.

[0042]like the invention according to claim 35, information which identifies a date when information data is already stored is displayed on a calendar displayed on a screen of said installed user terminals -- it needs -- if constituted, a date as which information data was filled in can be recognized easily.

[0043]When a user specifies a date and inputs information data like the invention according to claim 36, a matter relevant to the date concerned is displayed on a screen of installed user terminals -- it needs -- since the past memory will be vividly brought back if constituted, the past data can be filled in or changed easily. At this time, an occurrence which happened those days, a thing which was in fashion, news, etc. can be enumerated and displayed, for example per ten years in 1,900 to 2,000.

[0044]said information data consists of alphabetic data like the invention according to claim 37 -- it needs -- it can constitute.

[0045]like the invention according to claim 38, attribution information of the information data concerned is able to add to said information data -- it needs -- since information data is manageable as more nearly individual information data if constituted, service doubled with a user's needs is provided. like the invention according to claim 39, said attribution information is at least one chosen from a group of a user's age, a user's sex, a use of information data, and the purpose of using a system -- it needs -- it can constitute.

[0046]Like the invention according to claim 40, to said information data. it is possible to add arbitrary image data or voice data specified by a user -- it needs -- if constituted, a pictorial symbol, an ornament design, a sign, an image photo, design templates, an individual photograph, a sound, a keyword, etc. can be stuck on information data, for example. As a result, it is manageable as more nearly individual information data.

[0047]correction or change is possible for information data stored in said information management server via said installed user terminals like the invention according to claim 41 -- it needs -- if constituted, stored information data can be corrected or changed.

[0048]Like the invention according to claim 42, when said installed user terminals transmit bookbinding service ordering information, it is charged from a charging means provided in an information management server -- it needs -- if constituted, a user can be charged only when a user enjoys service which uses information data as a publication. That is, the usual service is provided for nothing, for example, and it is charged only when receiving high service of added value. As a result, since service which a user tends to use is provided, a user's interest is turned and a high market commercial scene of the draw is formed.

[0049]By an information management server which has a membership registration means which carries out membership registration of the user, and a registration membership authentication means which attests whether a user is registration membership like the invention according to claim 43. When attested with a user who accesses said information management server being registration membership, contents are provided by said information management server -- it needs -- if are constituted, for example ID and a password will be made into a membership authentication means, a role of a key of a diary can be played, for example, and individual information data will be managed.

[0050]Like the invention according to claim 44, on a screen of said installed user terminals, a procedure guiding means which derives a user's procedure is displayed -- it needs -- since a user's menu manipulation will be derived, for example by making a character into a role of derivation if constituted, service which has story nature, for example is also enjoyable.

[0051]Like the invention according to claim 45, on a screen of said installed user terminals, a phenomenon relevant to a user's procedure is displayed as a concrete pattern -- it needs -- if constituted, space (for example, memory bank) of an individual design is displayed on a browser, for example, for example, service in the peculiar world (virtual space) can be enjoyed with combination with a character.

[0052]In order to solve an aforementioned problem, in the invention according to claim 46, a program realizing a function of the information management server according to claim 30 from said claim 16 is provided.

[0053]In order to solve an aforementioned problem, in the invention according to claim

47, a recording medium which recorded said information processing program according to claim 46 and in which computer reading is possible is provided.

[0054]

[Embodiment of the Invention]Hereafter, the suitable embodiment of this invention is described in detail, referring to an accompanying drawing. In the following explanation and an accompanying drawing, duplication explanation is omitted by attaching identical codes about the component which has the same function and composition.

[0055](A 1st embodiment) a 1st embodiment is started first, referring to drawing 1 -- information management service system \*\*\*\*\* explanation is given. Drawing 1 is a block diagram showing the composition of the information management service system concerning a 1st embodiment. A user mentions as an example the information management service system as which information data is entered in a diary, and explains the information management service system in this embodiment.

[0056]First, as shown in drawing 1, as for this information management service system 10, the installed user terminals 100, the information management server 200, the bookbinding contractor server 300, the domain name server 400, the provider 500, etc. are connected to this embodiment via the networks 700, such as the Internet. The installed user terminals 100 are connected via the communication carrier 600 of pro BAITA 500.

[0057]The domain name server 400 performs the interconversion of a domain name and an IP address, searches an IP address from URL etc. which were transmitted from the installed user terminals 100, and returns it to the installed user terminals 100.

[0058]The provider 500 connects logically the installed user terminals 100 and the network 700 which were connected via the communication carrier 600, and makes signal transduction possible between the installed user terminals 100 and the network 700. The transmission medium which communications service companies, such as NTT, provide, for example corresponds, and this communication carrier 600 is enabling the connection between the installed user terminals 100 and the provider 600, and transfer of information.

[0059]As shown in drawing 2, the installed user terminals 100 various data, such as the communication control unit 102 which controls communication with the information management server 200, the displaying means (display) 104 which displays the contents transmitted from the information management server 200, and information data. It comprises the memory measure 108 for memorizing the information transmitted from the input means 106 for inputting, and the information management server 200, etc. The terminal which has communication functions, such as a cellular phone, a palm, etc. on which installed user terminals have an I mode (brand name) function besides a desktop computer, a note type personal computer, and a portable user terminal device, also corresponds.

[0060]Subsequently, based on drawing 3, the composition of the information management server concerning this embodiment is explained. Drawing 3 is a block diagram showing the composition of the information management server concerning this embodiment.

[0061]As shown in drawing 3, the information management server 200 comprises CPU210, the communication unit 220, the telephonic-communications unit 230, the memory 240, the database device 250, etc.

[0062]CPU210 performs control by the whole information management server 200. The telephonic-communications unit 230 is a unit which controls communication with the exterior through a telephone line. The communication unit 220 is a unit which controls communication with the exterior which passed the Internet, for example.

[0063]The program and data for being accessed are stored, and if needed, the memory 240 is read from the database device 250 by CPU210, and is stored.

[0064]At the database device 250, hypertext objects, such as an HTML file, graphical icon files (GIF file etc.), a sound, and an image object, are saved, for example, each user is provided with these objects via the Internet.

[0065]The database device 250 is the memory storage for accumulating each information, as shown in drawing 4, and the user management table 251, the bookbinding service order-receiving-control table 252, the fee collection table 253, the contents data table 254, etc. are stored.

[0066]The information on user ID, a password, a user's name, a user address, etc. is stored as personal data for comparing, when attesting a user, as the user management table 251 is shown in drawing 5.

[0067]As the bookbinding service order-receiving-control table 252 is shown in drawing 6, a goods delivery situation, a fee payment situation, etc. are stored at the time of a serial number, an order user name, a receiving date, a bookbinding design, and a bookbinding operation due date.

[0068]As the fee collection table 253 is shown in drawing 7, information, including a serial number, user ID, a user name, a charging method, a charging result, etc., is stored. At this time, a user is asked for the charge of bookbinding by the publicly known accounting system with a credit card, for example.

[0069]The contents which an information management server provides with the contents data table 254 are stored.

[0070]A modem (not shown) is used for the user terminal 100, and it can access the object saved at the information management server 200 via a telephone line. At this time, the contents which make information management server offer mention later.

[0071]As shown in drawing 8, the bookbinding contractor server 300 comprises CPU310, the communication unit 320, the telephonic-communications unit 330, the memory 340, the database device 350, etc.

[0072]CPU310 performs control by the whole bookbinding contractor server 300. The telephonic-communications unit 330 is a unit which controls communication with the exterior through a telephone line. The communication unit 320 is a unit which controls communication with the exterior through the network 700. The program and data for being accessed by CPU310 are stored, and if needed, the memory 340 is read from the database device 350, and is stored.

[0073]The bookbinding service ordering information of the user by whom the database device 350 was transmitted from the information management server 200 is saved. The database device 350 is the memory storage for accumulating various kinds of information, and can store other various information.

[0074]Subsequently, based on drawing 9, the operation flow of the information management service system concerning this embodiment is explained. Drawing 9 is a flow chart which shows the operation flow of the information management service system concerning this embodiment.

[0075]First, installed user terminals access the site of the information management system concerning this embodiment, for example via the Internet at Step S100 from the site on a portal site, a provider content page, or other networks (Step S100).

[0076]At this time, the Internet or i-mode (brand name) can be used, for example. When accessing by i-mode (brand name), it can be considered as charged contents as monthly amount member expense.

[0077]That is, first, as shown in drawing 10, the site on a portal site, a provider content page, or other networks is accessed via the Internet. The icon in each portal site. After an initial screen (title of the information management service system concerning this embodiment "memory bank") as shown in drawing 11 by clicking is displayed, the introduction page of these contents of the whole system as shown in drawing 12 is displayed on the screen of installed user terminals.

[0078]At this time, for example, a user starts this embodiment, he can use the managing site of personal data, such as a diary, for free. Since it is expected that a user will access by habituation every day, the managing site of personal data, such as this diary, turns into a superior site which brings about the increase in access also for a portal site or a provider. Since the contents which were excellent in the usefulness which can expect the economic effect aiming at an advertisement etc. by this are provided, each provider and voter Lucite are activated.

[0079]Hereafter, as shown in drawing 12, the introduction page of the information management service system concerning this embodiment is explained. A "memory bank" is a title of the information management service system concerning this embodiment. The explanation for gaining the utilizing user of the information management system which requires "a diary safe will be borrowed" for this embodiment is displayed. The directions for the information management service system concerning this embodiment are displayed on "usage." The written example of the diary in the information management service system which a "sample" requires for this embodiment is displayed. The use rule of the information management service system which "use agreement" requires for this embodiment is displayed. In "the more nearly first one", the contents of a system are plainly explained to the first new user to use the information management service system concerning this embodiment. As for "information from the Administration Bureau", the informative matter from a memory bank is displayed.

[0080]A "diary", a "personal history", "the account of a replacement date", a "travel diary", a "business log", a "baby diary", and "poetical works" are displayed as a kind of diary which a user can write in "writing a diary."

[0081]The unregistered user using the information management service system concerning this embodiment chooses "new registration", and it is a button for carrying out membership registration. "A registered person is here" is a button chosen when the existing registered user of the information management service system concerning this embodiment uses a system. It is a button for the existing registered user "takes out its diary (login) out" to log in. A "help" is a button for explaining the operation method of the information management service system concerning this embodiment.

[0082]"1. a memory bank" is a button for explaining the contents of the whole information management service system concerning this embodiment. "2. the method of registration" is a button which explains the membership registration method to an unregistered user. "3. the method of withdrawal from the membership" is a button for a

registered user to erase membership registration. About "4. the feature of each diary, and explanation of a way to be used", it is a button for explaining the feature and the directions for various diaries. "-- 5. -- a new diary -- writing -- " -- it is a button for explaining how to write a new diary. It is a button for explaining how to read the diary stored in the information management server which "6. in order to read a diary" requires for this embodiment. "7. change of a diary" is a button for explaining how to correct and change the description content of a diary. "8. deletion of a diary" is a button for explaining how to delete the description content of a diary. "9. the method in the case of liking to use as an account of a replacement date" is a button for explaining how to use the diary which a user indicates with the information management service system concerning this embodiment as an account of a replacement date. "When [ 10. ] the password has been forgotten", it is a button for explaining a solution when the registered user has forgotten the password. About "11. use restrictions and capacity restriction of a diary", it is a button for explaining capacity restrictions, such as data storage capacity etc. of the diary assigned to a registered user's use restrictions or each user. "12. the method of binding a book for one's diary at hand" is a button explaining how to bind a book for information data and place to each user as a publication after prescribed period progress of information data, or specified quantity accumulation. About "13. the bookbinding design of a diary", it is a button for explaining the cover design of a diary.

[0083]Subsequently, at Step S102, a user logs in by inputting a "password" and a "registration ID number", and accesses the data management warehouse (memory bank) of imagination. (Step S102).

[0084]At this time, the screen shown in drawing 13 is displayed on a new user's login page. In order to use a memory bank for "registration should read this first in \*\*, as for people", it is indicated that it is necessary to register as a user. The kind of diary which a user uses in "a kind is chosen" is chosen from a "diary", a "personal history", "the account of a replacement date", a "travel diary", a "business log", a "baby diary", and "poetical works." In order to register as a user, a "user name", a "password", a "name", an "address", and a "mail address" are filled in. A "user name" indicates a user's favorite name used by this system. A user wishes to have a "password", for example, it specifies and indicates seven digits or a character. A "name" indicates the name of the user who uses this system. An "address" indicates the address of the user who uses this system. A "mail address" indicates the mail address of the user who uses this system.

[0085]If a matter required for the above-mentioned user registration is indicated and it clicks "it registers", a confirmation mail will be notified to the address which the user indicated. By checking the user name and password of login again by this confirmation mail, a user acquires a password and a registration ID number.

[0086]The screen which a registered user on the other hand already shows to drawing 14 is displayed. That is, as shown in drawing 14, it can log in only by indicating a "user name" and a "password." At this time, by a bookmark etc., the existing registered user can log in from a login page, and can go into a memory bank.

[0087]Then, as shown in drawing 15, it is reported on a screen that login was completed and going into a memory bank is told. As shown in drawing 16, a character appears in reception of a memory bank and easy explanation about a memory bank is performed.

[0088]At Step S104, a user enters registration ID and a password and takes out a diary from a memory bank (Step S104).

[0089]At this time, as shown in drawing 16, it is directed to a user that the memory bank which stores the diary is displayed on installed user terminals, and a character enters registration ID and a password into them. Then, if a user inputs a password and an ID number, as shown in drawing 18, a diary will be taken out from its memory bank and it will be displayed fantastically. thus, in this embodiment, since a password and an ID number play the role of the key of a diary, other users who do not know a password and an ID number indicate a diary -- things cannot be carried out.

[0090]Then, a diary is presented by the character as shown in drawing 19. It is a button which specifies that "it reads" reads a diary at this time. It is a button which specifies that "it writes" writes a diary. It is a button which specifies that "it deposits" deposits a diary with a safe.

[0091]It shifts to Step S106 and clicks "it reads" to read a diary (Step S106). At this time, as shown in drawing 20, on the screen of installed user terminals, the calendar with which the date written in and made into the diary adds shading is displayed. The date which writes to a diary the date to which it does not add shading, and is not \*\*(ed) is shown.

[0092]For example, when February (February) 6 was specified and it clicked "it reads", it went for "long time to Disneyland by the family with the character. Fireworks were beautiful. For example, it is indicated as ", the contents of the diary on February 6 can be read.

[0093]On the other hand, it shifts to Step S108 and clicks "it writes" to write a diary. As shown in drawing 21, when February (February) 26 is specified and "it writes" is clicked at this time, the write-in sheet in which cursor is displayed appears. On this write-in sheet, the contents of the diary on February 26 can be indicated, for example.

[0094]As shown in drawing 22, "preservation", and "a picture and a raw material" are displayed on a write-in sheet. "Preservation" is a button for specifying preservation of a diary. "A picture and a raw material" are the buttons for specifying the mark book shown below.

[0095]If "a picture and a raw material" are clicked at this time, a picture and the collection ("design templates", a "pictorial symbol", an "image photo", "a sound and a sound effect", and "its picture being stuck") of raw materials will be displayed.

[0096]"design templates" -- "work", a "face", an "animal", a "thing", and an "art" -- another design can be chosen. Various pictorial symbols can be chosen as a "pictorial symbol." an "image photo" -- a "flower", the "universe", "scenery", a "thing", and a "person" -- another image photo can be chosen. "A sound and the sound effect" can choose a sound effect sound according to "a pleasant sound", "a sad sound", "the sound of scenery", "the sound of a thing", and "people's voice."

[0097]The photograph which photoed "its picture being stuck (a retention file is chosen)", for example with the digital camera can be incorporated and chosen.

[0098]In creating a personal history, as shown in drawing 23, the write-in sheet in which cursor is displayed appears. On this write-in sheet, "life [ of me ] Chapter 2 Encounter" is displayed, for example, and the contents of that day can be indicated on it.

[0099]"The last page", "next page", a "table of contents", "preservation", and "a recollections help" are displayed on a write-in sheet. A "table of contents" is a button for moving to the page for writing in or seeing a table of contents. "The last page" is a button for moving to the last page. "Next page" is a button for moving to the following page. "Preservation" is a button for specifying preservation of a personal history. "A

recollections help" is a button for the incident which arose in the keyword and the age to refer to it auxiliary.

[0100]A click of "a recollections help" will indicate "the collection of keywords", "an age and the main occurrences", an "image photo", and "it sticks its picture (a retention file is chosen)."

[0101]The button at "birth", "marriage", a "school", a "place of work", "love", "a sad occurrence", "the pleasant recollections", "encounter", "separation", a "turning point", and "the child's time" is displayed, and if a category is clicked, a still more detailed keyword will be displayed on "the collection of keywords."

[0102]As for "an age and the main occurrences", the occurrence which is a ten-year unit in 2,000 and happened, for example from 1,900 years those days, the thing which was in fashion, news, etc. are enumerated.

[0103]an "image photo" -- a "flower", the "universe", "scenery", a "thing", and a "person" -- another image photo can be chosen. The photograph which photoed "its picture being stuck (a retention file is chosen)", for example with the digital camera can be incorporated and chosen.

[0104]Then, at Step S110, a diary is stored in a memory bank and managed (Step S110).

[0105]For example, if a diary and a personal history are written and are finished, saved "clicked as shown in drawing 24, a character will appear on a screen and a diary will be presented. If the button "to deposit" is pushed, it will indicate "I then keep" and will be managed by the memory bank. As for the diary concerning this embodiment, receipts and payments of personal data and writing are managed within the limit of fixed time or constant capacity. Then, after entry of data finishes, it is again stored in a data management warehouse, and a diary is managed.

[0106]The inquiry information of whether to bind a book for a diary in Step S112 after progress half a year, since it begins to write a diary is notified to installed user terminals (Step S112). For example, as shown in drawing 25, a bookbinding price is 1,800 yen, for example. It is a button for directing to request the bookbinding of a diary in which he indicated "he buys it." It is a button for directing not to request the bookbinding of a diary in which he indicated "he does not buy it." Thus, the user can make the memory book which has only one in the world. when it has agreed for binding a book (namely, -- case it clicked "he buys it"), bookbinding service can be received for pay.

[0107]Then, since it begins to write a diary as shown in drawing 26, a user is notified of the information on an inquiry whether a book will be again bound for a diary after progress for one year. At this time, a bookbinding price is 3,000 yen, for example. It can be chosen by "he buys it" and "he not buying it" like the above whether a bookbinding request is carried out. When "he buys it" is chosen, the memory book which has only one in the world where 365-page recollections were got blocked, for example can be made.

[0108]When "he buys it" is clicked at this time, it shifts to Step S114 and design selection of a cover is performed (Step S114). For example, as shown in drawing 27, the selection picture of a cover is displayed and a favorite design can be chosen.

[0109]Selection of a design will display the entry screen of the required item of a cover, as shown in drawing 28. A "title" inputs the title indicated on the cover of a diary. "From what [, what / month / what ] to what [ what yen / month / what ]" inputs the period which edits a diary. A "name" inputs the name indicated on the cover of a diary.

[0110]Thus, if the required item of a cover is filled in, a character will appear and the

design of a cover will check as "kana ? good now." It is a button for determining the design which chose "determining by this design." It is a button for choosing, when the design as which "another design is seen" was displayed is not pleasing, returning to the selection picture of a cover, and displaying other designs. "Recarrying out an input" is a button for changing a design.

[0111]If it clicks "recarrying out an input" and the design of a cover is changed, the screen of another design as shown in drawing 29 will be displayed, a character will appear, and it will check as "kana ? good now" again. The cover of a diary will be determined if it clicks "determining by this design."

[0112]If the design of the cover of a diary is determined, as shown in drawing 30, it will opt for diary bookbinding. At this time, it is reported that it takes about three weeks until the screen which a character appears and carries out bookbinding is also displayed and bookbinding arrives at hand.

[0113]Subsequently, at Step S116, a user chooses a charging method and performs ordering processing (Step S116).

[0114]For example, as shown in drawing 31, the detailed screen of a charging method is displayed. It can choose from among a "credit card", a "bank transfer", "convenience store payment", and a "postal transfer" as a "payment method." The "destination" (a "zip code", an "address", a "name", a "telephone number") is indicated as the receiver's address of bookbinding. "The number of bindery departments" indicates number of copies of binding [ to wish a book ] of a diary. At this time, it can enter to 100 volumes as the number of bindery departments. An OK button will be clicked if all are indicated.

[0115]Then, it shifts to accounting and ordering processing automatically, and as shown in drawing 32, the total amount of money is displayed on a user.

[0116]Then, at Step S118, an information management server transmits the bookbinding service ordering information from a user to a bookbinding contractor server, and ordering processing ends it (Step S118).

[0117]In this embodiment, service of editing the information data of the virtual space on a browser, and binding a book is provided. That is, since the personal information of the user on virtual space, such as the Internet, is embodied as a real object, for example, new service that virtual space develops into real space (namely, a concept real object) is provided.

[0118]Since each user's personal data set up the data warehouse (for example, memory bank) by imagination respectively, set up story nature which actually takes a diary and have set up the character as an administrator, they can provide the information management service with the (reality) of actuality. Since the auxiliary tool (for example, a design and a sound) set up beforehand can be used or a user individual's photograph, etc. can be edited freely, more individual information data can be created.

[0119]As mentioned above, although the suitable embodiment concerning this invention was described, this invention is not limited to this composition. If it is a person skilled in the art, within the limits of the technical thought indicated to the claim, various kinds of examples of correction and examples of change can be assumed, and it will be understood as what is included also about those examples of correction, and the example of change by the technical range of this invention.

[0120]For example, in the above-mentioned embodiment, although the example which adopted the composition which notifies bookbinding servicing information was given and

explained in six months and one year after the day which stored information data, it is not limited to this example. For example, it is not limited to periods, such as every year, the three whole months. It is not necessary to notify bookbinding servicing information periodically, and can also notify irregularly.

[0121]For example, in the above-mentioned embodiment, although the example which adopted the composition which notifies bookbinding servicing information was given and explained after prescribed period progress from the day which stored information data, when predetermined information data is accumulated, bookbinding servicing information can also be notified.

[0122]In the above-mentioned embodiment, although the composition which uses a diary in a user individual was explained, if two or more users share a password and registration ID, it can also be used as an account of a replacement date.

[0123]If a user installs the means which information data exhibits if needed, arbitrary users can also read a diary.

[0124]In the above-mentioned embodiment, although the composition which installed the server was mentioned as the example and explained to the bookbinding contractor, it is not limited to this example, for example, a bookbinding order may be given to a bookbinding contractor by telephone etc.

[0125]

[Effect of the Invention]Service of editing the information data of the virtual space on a browser, and binding a book is provided. That is, since the personal information of the user on virtual space, such as the Internet, is embodied as a real object, for example, new service that virtual space develops into real space (namely, a concept real object) is provided.

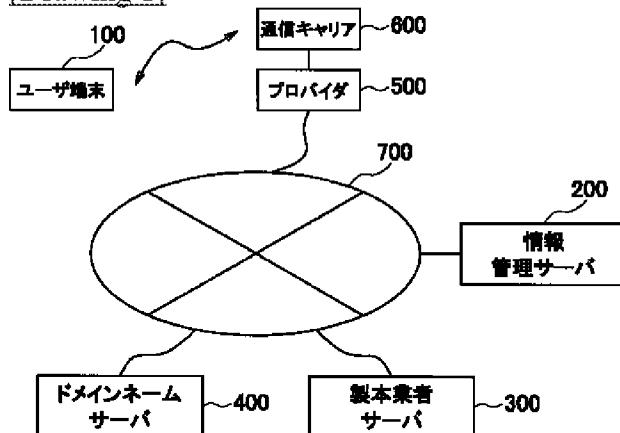
[0126]Since each user's personal data set up the data warehouse (for example, memory bank) by imagination respectively, set up story nature which actually takes a diary and have set up the character as an administrator, they can provide the information management service with the (reality) of actuality. Since the auxiliary tool (for example, a design and a sound) set up beforehand can be used or a user individual's photograph, etc. can be edited freely, more individual information data can be created.

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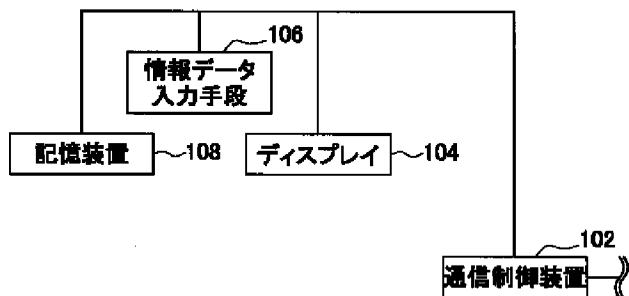
## DRAWINGS

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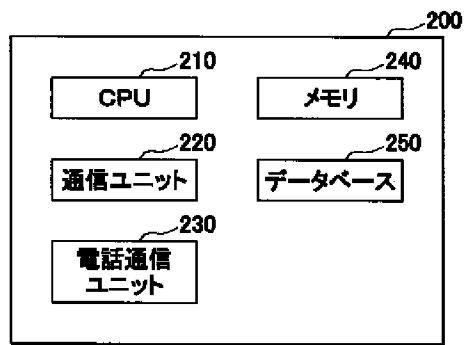
[Drawing 1]



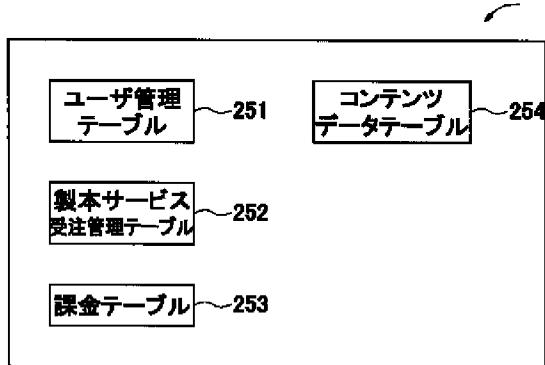
[Drawing 2]  
ユーザ端末



[Drawing 3]  
情報管理サーバ



[Drawing 4]  
情報管理サーバのデータベース装置

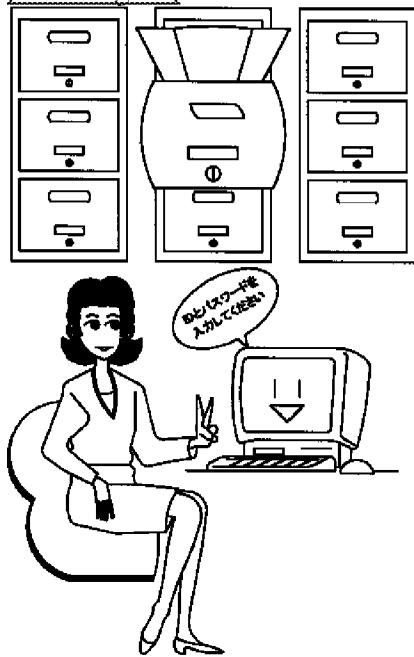


[Drawing 5]

### ユーザ管理テーブル

	ユーザID	パスワード	ユーザ名	住 所	他の属性
1	AAAAA	aaaaa	〇田〇男	〇〇県〇〇市…	〇〇〇〇
2	BBBBB	bbbc	△山△子	△△県△△市…	△△△△

[Drawing 17]



[Drawing 6]

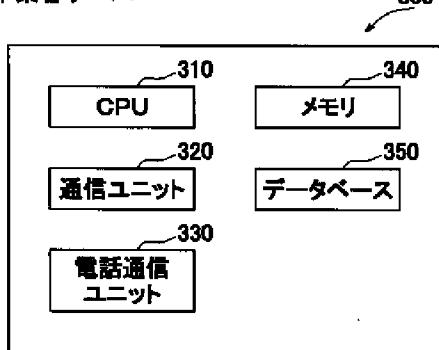
製本サービス受注管理テーブル

通番	発注ユーザ名	発注日時	表紙デザイン	表紙タイトル	データ期間	製本受渡	料金支払状況
1	○岡○子	00年00月00日	A type	○○○○	00年00月00日 ～××年××月××日	未	済
2	△田△美	△△年△△月△△日	B type	△△△△	△△年△△月△△日 ～□□年□□月□□日	済	未

[Drawing 7]  
課金テーブル

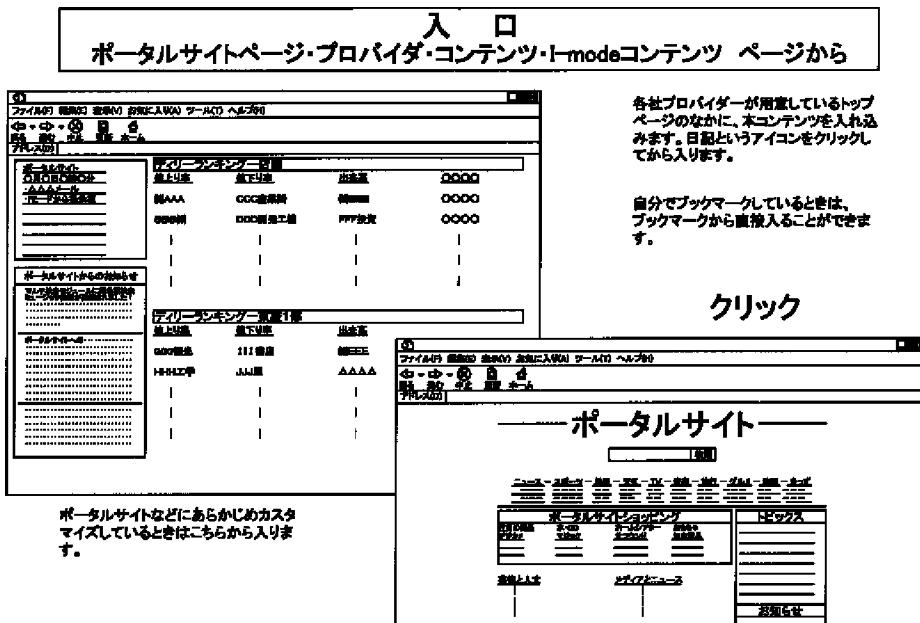
通番	ユーザID	ユーザ名	受注番号	製本料金	部数	合計金額	料金支払方法
1	AAAA	○山○男	ABCD	3,000円	10	30,000円	クレジット
2	BBBB	△田△子	abcd	1,800円	1	1,800円	銀行振込

[Drawing 8]  
製本業者サーバ

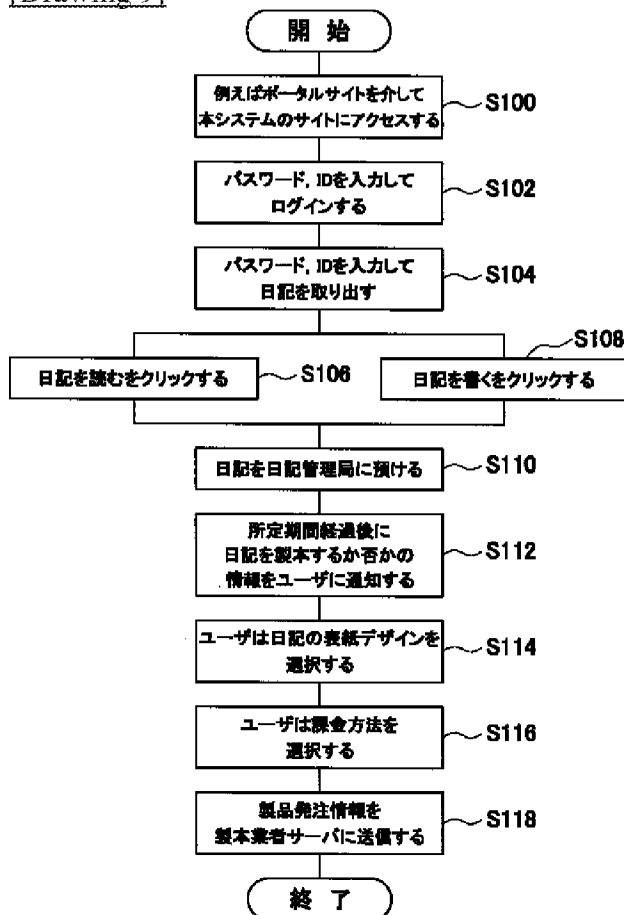


300

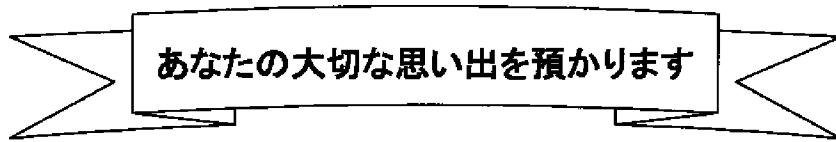
[Drawing 10]



[Drawing 9]



[Drawing 11]

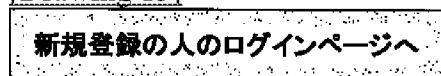


## メモリーバンク

Make your memories to a BOOK!

あなたが綴る毎日の思い出を  
世界でひとつだけの本にしませんか？

[Drawing 13]



登録がまだの人はまずここを読んでください  
日記を書くため、貢献するためにはまずメモリーバンクに日記  
を預けてもらう、日記貢献を借りなくてはいけません。そのため  
その日記貢献を開ける鍵としてのパスワードとユーザー名を登  
録する必要があります。登録をするをクリックし必要事項を入力  
して、毎日メモリーバンクへ日記を預けたり出したりしてください。

種類を選ぶ

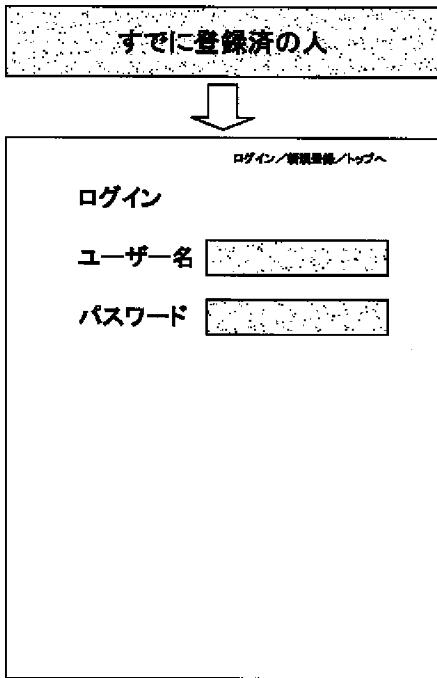
- 日記
- 自分史
- 交換日記
- 旅行日記
- 集録日誌
- 赤ちゃん日記
- 詩集

登録をする

ユーザー名  
パスワード  
氏名  
住所  
メールアドレス

確認メールがアドレスに入ります  
ここでログインのユーザー名とパスワードをもう一度確認してもらいます

[Drawing 14]



[Drawing 12]

クリックすると全体内容の紹介ページへ

## メモリー銀行 日記金庫

日記金庫を借りよう 使い方 サンプル 利用規約 初めての方へ メモリー銀行からのおしらせ

日記を書こう

登録

- 日記
- 自分史
- 交換日記
- 旅行日記
- 業務日誌
- 赤ちゃん日記
- 詩集

新規登録

登録済の人はこちら

- 自分の日記を取り出す

ログイン

ヘルプ

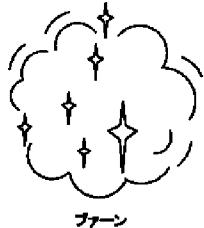
1. メモリー銀行とは  
あなたの大切な想いで日記や、自分史をつくる本にしてお届けいたします。  
日記のデータの書き込みは無料で、管理者が保管いたします。
2. 登録の方法
3. 退会の方法
4. それぞれの日記の特徴と使い方の説明について
5. 新しい日記を書くには
6. 日記を読むには
7. 日記の変更
8. 日記の削除
9. 交換日記として使いたい場合の方法
10. パスワードを忘れた場合
11. 日記の使用期限と容量制限について
12. 自分の日記を手元に製本する方法
13. 日記の表紙のデザインについて

[Drawing 15]

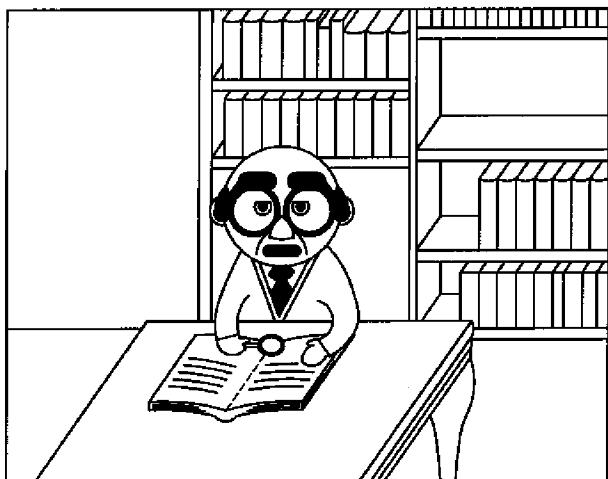
新規登録の人も、すでに登録済みの人もログインをすませました



バーチャルな世界  
どこかにあって  
でもどこにもない  
メモリーバンクへ入ります



[Drawing 16]



いらっしゃいませ  
こちらはメモリーバンク  
日記金庫でございます。  
こちらでは、あなた様の  
大事な想い出を大切に  
管理保管させて頂きます  
ご登録された場合、あなた様  
専用の想い出Depositを  
お作りします。  
いつでもご用の時に  
お呼び頂ければ  
なんどきでも  
出し入れさせて頂けます  
そこに日記帳を預けて  
いただけますので。  
毎日の出来事を日記帳に  
記録くださいませ。

[Drawing 18]



[Drawing 32]

■トータル金額

〇〇〇円になりました

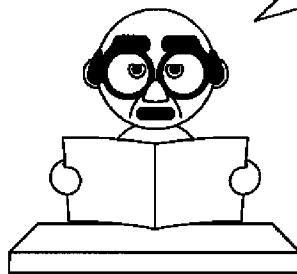
コンビニ決済または銀行振込、郵便振替の方は振込用紙をお届けいたします

ありがとうございました  
お届けまで楽しみにしていてください

[Drawing 19]

このページから日記を書いたり読んだりのページへ入る

おかえりなさい  
これがあなたの  
日記ですよ



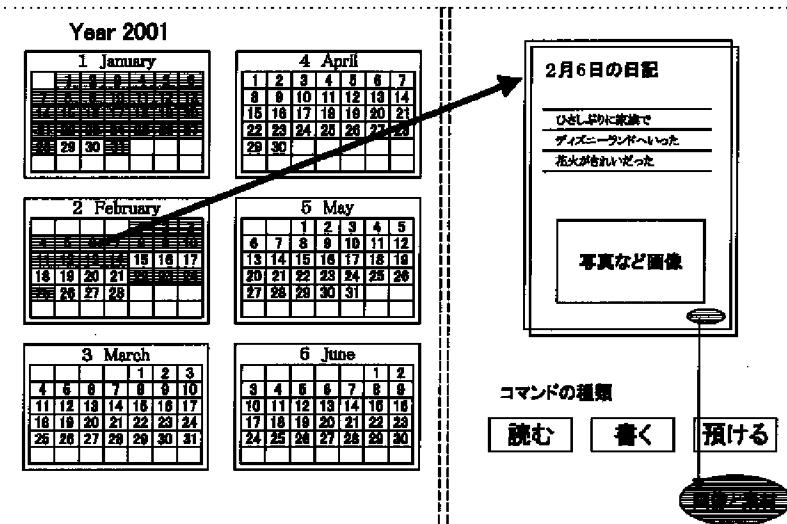
日記を書く

日記を読む

ログアウト

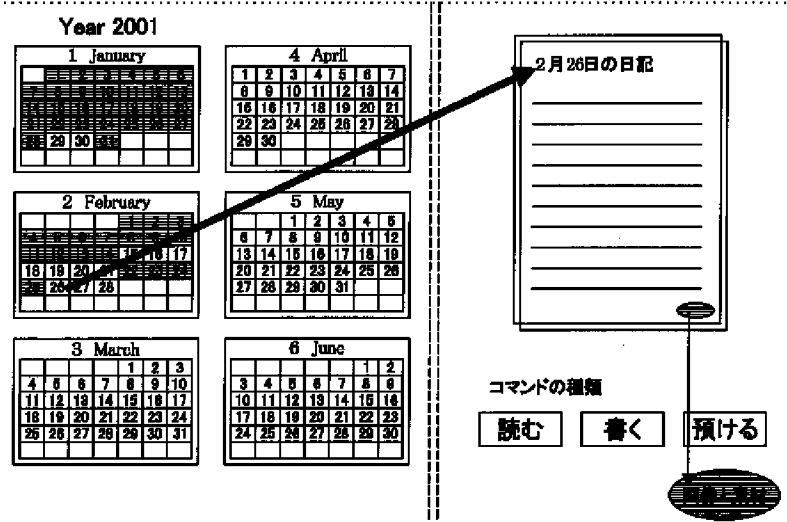
[Drawing 20]

書き込みをした部分は、どんどん空白が埋まって網掛けされていきます。  
一度書いたところは読むを押すと、文章を読んだり、変更をしたりできます。



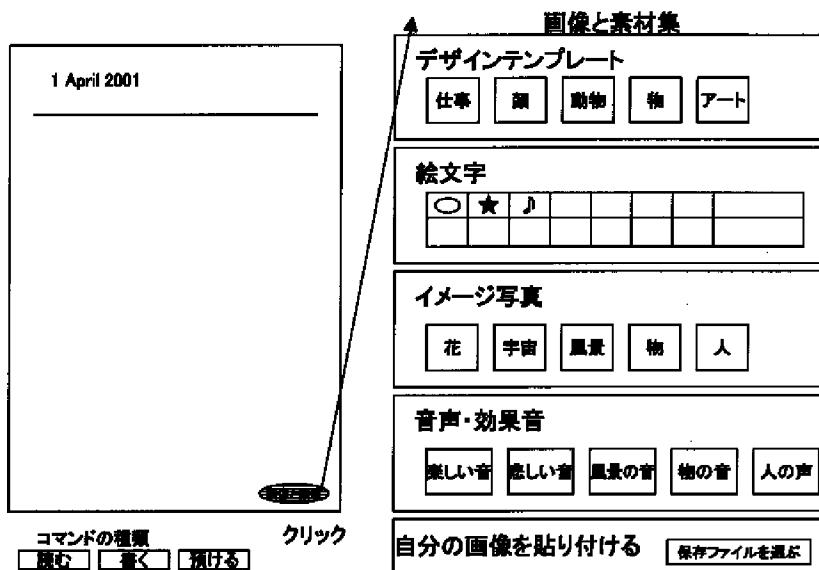
[Drawing 21]

書くを選んだ場合、カレンダーが現れますので、自分の日記をつける個所をクリックすると書き込みページを呼び出すことができます。

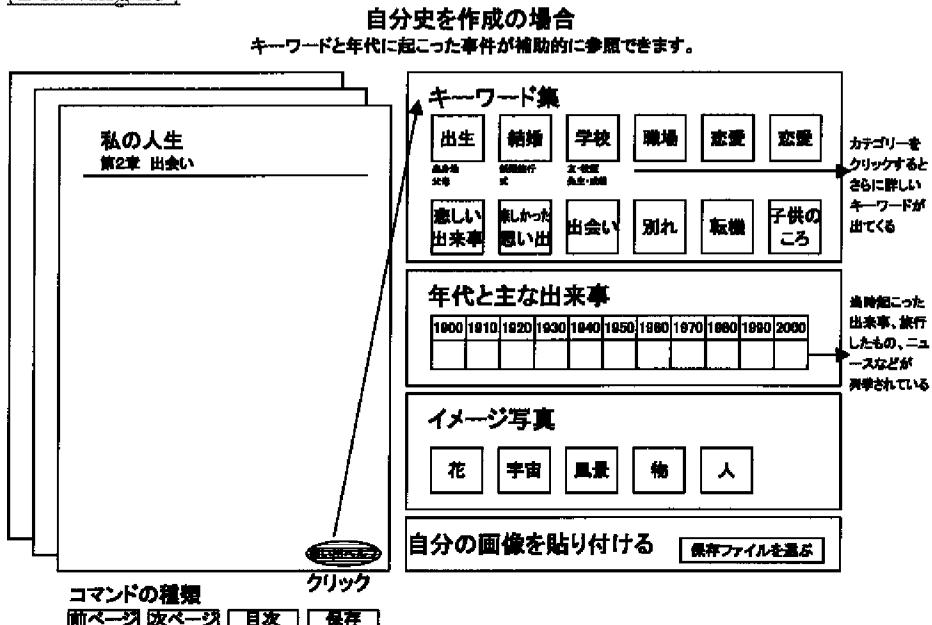


[Drawing 22]

書き込みをするときに役立つさまざまな素材を使って文章を作ってください



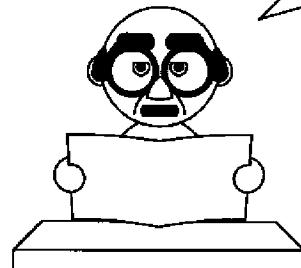
[Drawing 23]



[Drawing 24]

日記を書き終わったら、このページから日記を預ける。  
また再び書いたり読んだりのページへ入ることもできる。

今日はもういいのかな？  
では日記を預かるよ



日記を預ける

日記を書く

日記を読む

ログアウト

[Drawing 25]

そして半年が経ちました

あなたの日記を

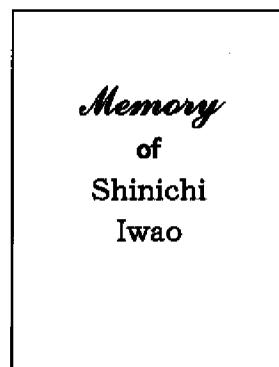
製本いたしますか？

半年間の思い出の詰まった

世界でひとつしかない

メモリーブックを

おつくりしてお届けいたします



製本代金は1800円です

この本を

買う

買わない

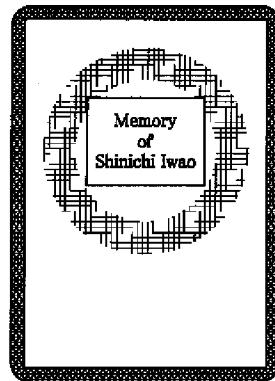
お買わないとした場合はあなた半年経った  
ときにお問い合わせが流れます。

[Drawing 26]

そして  
一年が経ちました

あなたの日記を  
製本いたしますか？

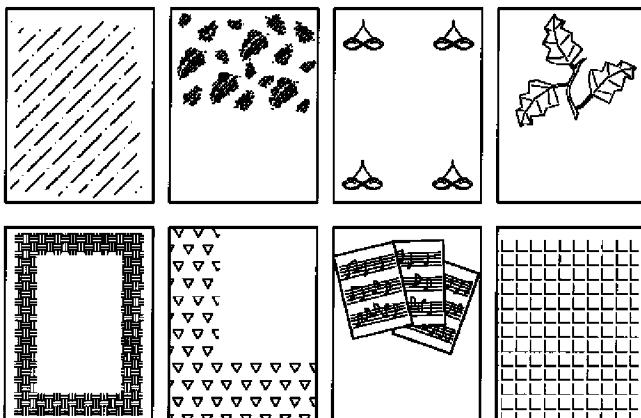
365ページの  
思い出の詰まった  
世界で一つしかない  
メモリーブックを  
お作りいたします。



製本代金は¥3000です  
この本を

[Drawing 27]

買うをクリックした人には表紙デザインの画面が現れます。



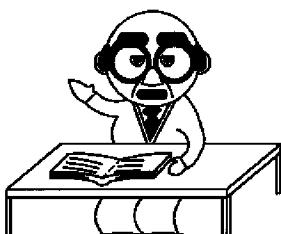
表紙设计のデザインが選べます  
好きなデザインをクリックしてください

[Drawing 28]

デザインを選んだら  
必要項目の入力をします



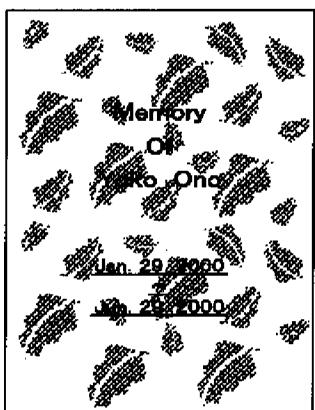
これでいいかな？



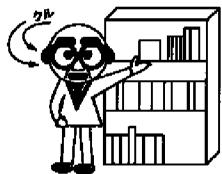
このデザインで決定  
別のデザインをみる → クリック  
入力しなおし

[Drawing 29]

タイトルを入れたり  
いろいろデザインを変えて見る

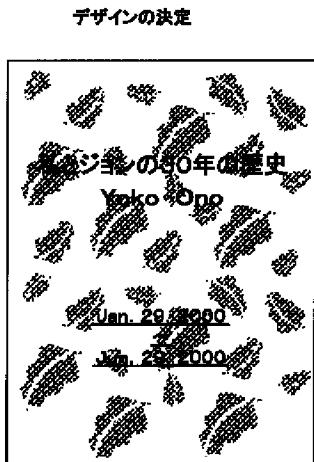


これでいいかな？



このデザインで決定 → クリック  
別のデザインをみる  
入力しなおし

[Drawing 30]



この日記を作ります

裏本までに約3週間かかります

**決 定** → クリック

[Drawing 31]  
課金の手続きと送り先などの事務ページへ

■支払方法  
クレジットカード  
銀行振込  
コンビニ支払い  
郵便振替

■送り先  
 郵便番号  
 住所  
 氏名  
 電話番号

■製本部数  
**1冊** → プルダウンで100冊まで

**OK** → クリック